



STATE OF WISCONSIN

Department of Safety and
Professional Services

Approval # 20120007
(Revised 20040001)

Environmental & Regulatory Services Division
Bureau of Petroleum Products and Tanks
201 West Washington Avenue
P.O. Box 7837
Madison, WI 53707-7837

Wisconsin SPS 310 Material Approval

Equipment: Secondary Fuel Containment Vessel and
Canopy System

Manufacturer: Berg Equipment Corporation
P.O. Box 507
Marshfield, WI 54449

Expiration of Approval: December 31, 2015

SCOPE OF EVALUATION

The Secondary Fuel Containment Vessel and Canopy System as manufactured by Berg Equipment Corporation have been evaluated as a secondary containment system for aboveground tanks in accordance with **s. SPS 310.410(2)** and as an aboveground tank enclosure in accordance with **s. SPS 310.615(7)**.

DESCRIPTION AND USE

The secondary containment vessels are made of 10 gauge mild steel fabricated with continuous arc welds and finished with a high gloss acrylic enamel coating. 3/16-inch thick steel skids are welded on the bottom for additional strength and ease of placement. A self-closing, lockable drain valve is provided to allow the drainage of rainwater.

Vessels are configured to accommodate 300, 550 and 1000 gallon tanks with a 12-inch clearance between the tank and the sides of the vessel. Capacities for the vessels are 125% of the tank capacities.

Pipe sockets can be attached to the sides of the vessels to allow for the attachment of a minimum 6-foot high galvanized security fence and/or a weather resistant steel canopy. A lockable gate latch is provided with the security fence.

TESTS AND RESULTS

Drawings are on file showing capacities and configurations.

LIMITATIONS / CONDITIONS OF APPROVAL

- The canopy system is approved as meeting the intent of the noncombustible materials requirement under **s. SPS 310.615(7)**.
- In accordance with **s. SPS 310.410(2)**, the secondary containment vessel shall have a capacity 25 percent larger than the tank it contains. A means to remove accumulated water shall be provided.
- The tank shall be elevated no more than 12 inches above the floor of the secondary containment vessel and have at least 6 inches of clearance on all sides to allow for visual inspection.
- An aboveground storage tank installer certified by the department in accordance with **SPS 305.84** shall supervise the installation.
- For commercial sites, vehicle collision protection shall be provided in accordance with **s. SPS 310.430**. Vehicle collision protection is waived for tanks covered in **ss. SPS 310.610 (1) to (3)** and **SPS 310.630**.

Unusual or heavy traffic patterns may require additional visual warning or collision protection.

- The system shall allow sufficient height above the tank to allow for safe and efficient filling of the tank.
- The tank owner shall maintain the warning label required for the tank under **s. SPS 310.400(7)** so that it is clearly visible from the outside of the canopy.

This approval will be valid through December 31, 2015, unless manufacturing modifications are made to the product or a re-examination is deemed necessary by the department. The Wisconsin Material Approval Number must be provided when plans that include this product are submitted for review.

DISCLAIMER

The Department is in no way endorsing or advertising this product. This approval addresses only the specified applications for the product and does not waive any code requirement unless specified in this document.

Effective Date: May 1, 2012

Reviewed by: Signature on file
Greg Bareta, P. E.
Engineering Consultant
Bureau of Petroleum Products and Tanks

Approved by: Signature on file Date: _____